

FIELD OFFICE TECHNICAL GUIDE Sec. II
WASTE DISPOSAL INTERPRETATIONS

Sanitary Facilities - Part 1.

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Davis County, Iowa

Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
13B: Olmitz-----	35	Somewhat limited Depth to saturated zone restricted permeability	0.43 0.25	Somewhat limited Seepage Slope	0.50 0.32
Vesser-----	30	Very limited Depth to saturated zone Flooding restricted permeability	1.00 0.40 0.25	Very limited Depth to saturated zone Seepage Flooding Slope	1.00 0.50 0.40 0.32
Zook-----	20	Very limited Flooding Depth to saturated zone Restricted permeability	1.00 1.00 0.99	Very limited Depth to saturated zone Flooding	1.00 1.00
24D2: Shelby-----	90	Somewhat limited Restricted permeability Slope	0.91 0.63	Very limited Slope	1.00
24E2: Shelby-----	90	Very limited Slope Restricted permeability	1.00 0.91	Very limited Slope	1.00
51: Vesser-----	95	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Depth to saturated zone Flooding Seepage	1.00 1.00 0.50

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Davis County, Iowa

Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
51+: Vesser-----	90	Very limited Flooding	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Flooding	1.00
		restricted permeability	0.25	Seepage	0.50
51B: Vesser-----	95	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Flooding	0.40	Seepage	0.50
		restricted permeability	0.25	Flooding	0.40
				Slope	0.32
51B+: Vesser-----	95	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Flooding	0.40	Seepage	0.50
		restricted permeability	0.25	Flooding	0.40
				Slope	0.32
54: Zook-----	95	Very limited Flooding	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Flooding	1.00
		Restricted permeability	0.99		
54+: Zook-----	95	Very limited Flooding	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Flooding	1.00
		Restricted permeability	0.99		

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
56B: Cantril-----	90	Very limited Depth to saturated zone restricted permeability	1.00 0.35	Very limited Depth to saturated zone Seepage Slope	1.00 0.50 0.32
58D2: Douds-----	95	Somewhat limited Slope Depth to saturated zone restricted permeability	0.63 0.40 0.35	Very limited Slope Seepage	1.00 1.00
65E: Lindley-----	95	Very limited Slope Restricted permeability	1.00 1.00	Very limited Slope	1.00
65E2: Lindley-----	95	Very limited Slope Restricted permeability	1.00 1.00	Very limited Slope	1.00
65F: Lindley-----	95	Very limited Slope Restricted permeability	1.00 1.00	Very limited Slope	1.00
65F2: Lindley-----	95	Very limited Slope Restricted permeability	1.00 1.00	Very limited Slope	1.00
80B: Clinton-----	95	Very limited Restricted permeability Depth to saturated zone	1.00 0.40	Somewhat limited Seepage Slope	0.50 0.32

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
80C: Clinton-----	100	Very limited Restricted permeability Depth to saturated zone	1.00 0.40	Very limited Slope Seepage	1.00 0.50
80C2: Clinton-----	100	Very limited Restricted permeability Depth to saturated zone	1.00 0.40	Very limited Slope Seepage	1.00 0.50
80D2: Clinton-----	95	Very limited Restricted permeability Slope Depth to saturated zone	1.00 0.63 0.40	Very limited Slope Seepage	1.00 0.50
93D2: Adair-----	60	Very limited Depth to saturated zone Restricted permeability Slope	1.00 0.99 0.63	Very limited Depth to saturated zone Slope	1.00 1.00
Shelby-----	30	Somewhat limited Restricted permeability Slope Depth to saturated zone	0.91 0.63 0.43	Very limited Slope	1.00
94E2: Caleb-----	60	Very limited Slope Depth to saturated zone restricted permeability	1.00 0.43 0.35	Very limited Slope Seepage	1.00 0.50

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Mystic-----	35	Very limited Restricted permeability Slope Depth to saturated zone	1.00 1.00 1.00	Very limited Slope Seepage Depth to saturated zone	1.00 1.00 0.71
130: Belinda-----	95	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Seepage	1.00 0.50
131B: Pershing-----	95	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 0.32
131C2: Pershing-----	90	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 1.00
132B: Weller-----	95	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 0.32
132C: Weller-----	90	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 1.00

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
132C2: Weller-----	90	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 1.00
179D2: Gara-----	90	Very limited Restricted permeability Slope	1.00 0.63	Very limited Slope	1.00
179E: Gara-----	90	Very limited Slope Restricted permeability	1.00 1.00	Very limited Slope	1.00
179E2: Gara-----	90	Very limited Slope Restricted permeability	1.00 1.00	Very limited Slope	1.00
179E3: Gara-----	90	Very limited Slope Restricted permeability	1.00 1.00	Very limited Slope	1.00
179F: Gara-----	95	Very limited Slope Restricted permeability	1.00 1.00	Very limited Slope	1.00
179F2: Gara-----	95	Very limited Slope Restricted permeability	1.00 1.00	Very limited Slope	1.00

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
179F3: Gara-----	95	Very limited Slope Restricted permeability	1.00 1.00	Very limited Slope	1.00
192C2: Adair-----	95	Very limited Depth to saturated zone Restricted permeability	1.00 0.99	Very limited Depth to saturated zone Slope	1.00 1.00
192D2: Adair-----	90	Very limited Depth to saturated zone Restricted permeability Slope	1.00 0.99 0.63	Very limited Depth to saturated zone Slope	1.00 1.00
211: Edina-----	100	Very limited Depth to saturated zone Restricted permeability	1.00 1.00	Very limited Depth to saturated zone Seepage	1.00 0.50
222C2: Clarinda-----	90	Very limited Depth to saturated zone Restricted permeability	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 1.00
222C3: Clarinda-----	90	Very limited Depth to saturated zone Restricted permeability	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 1.00

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
223C2: Rinda-----	90	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 1.00
223C3: Rinda-----	90	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 1.00
260: Beckwith-----	95	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Seepage	1.00 0.50
261: Appanoose-----	95	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone	1.00
263: Okaw-----	95	Very limited Restricted permeability Depth to saturated zone Flooding	1.00 1.00 0.40	Very limited Depth to saturated zone Flooding	1.00 0.40
269: Humeston-----	90	Very limited Flooding Depth to saturated zone Restricted permeability	1.00 1.00 1.00	Very limited Depth to saturated zone Flooding Seepage	1.00 1.00 0.32

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		Rating class and limiting features	Value	Rating class and limiting features	Value
273B: Olmits-----	90	Somewhat limited Depth to saturated zone restricted permeability	0.43 0.25	Somewhat limited Seepage Slope	0.50 0.32
312B: Seymour-----	90	Very limited Depth to saturated zone Restricted permeability	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 0.32
312B2: Seymour-----	95	Very limited Depth to saturated zone Restricted permeability	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 0.32
313E2: Gosport-----	95	Very limited Depth to bedrock Depth to saturated zone Restricted permeability Slope	1.00 1.00 1.00 0.96	Very limited Depth to saturated zone Depth to soft bedrock Slope	1.00 1.00 1.00
313G: Gosport-----	95	Very limited Depth to bedrock Depth to saturated zone Slope Restricted permeability	1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Depth to soft bedrock Slope	1.00 1.00 1.00

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
313G2: Gosport-----	95	Very limited Depth to bedrock	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Depth to soft bedrock	1.00
		Slope	1.00	Slope	1.00
		Restricted permeability	1.00		
362: Haig-----	90	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Restricted permeability	0.99	Seepage	0.50
364B: Grundy-----	95	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Restricted permeability	0.99	Slope	0.32
405: Floris-----	90	Very limited Flooding	1.00	Very limited Flooding	1.00
		Depth to saturated zone	1.00	Seepage	1.00
		restricted permeability	0.25	Depth to saturated zone	0.71
423D2: Bucknell-----	90	Very limited Restricted permeability	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Slope	1.00
		Slope	0.63		

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
423D3: Bucknell-----	90	Very limited Restricted permeability Depth to saturated zone Slope	1.00 1.00 0.63	Very limited Depth to saturated zone Slope	1.00 1.00
424D2: Lindley-----	60	Very limited Restricted permeability Slope	1.00 0.63	Very limited Slope	1.00
Keswick-----	30	Very limited Restricted permeability Depth to saturated zone Slope	1.00 1.00 0.63	Very limited Depth to saturated zone Slope	1.00 1.00
424E2: Lindley-----	60	Very limited Slope Restricted permeability	1.00 1.00	Very limited Slope	1.00
Keswick-----	30	Very limited Restricted permeability Depth to saturated zone Slope	1.00 1.00 1.00	Very limited Depth to saturated zone Slope	1.00 1.00
425C: Keswick-----	85	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 1.00

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
425C2: Keswick-----	85	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 1.00
425D: Keswick-----	85	Very limited Restricted permeability Depth to saturated zone Slope	1.00 1.00 0.63	Very limited Depth to saturated zone Slope	1.00 1.00
425D2: Keswick-----	85	Very limited Restricted permeability Depth to saturated zone Slope	1.00 1.00 0.63	Very limited Depth to saturated zone Slope	1.00 1.00
425D3: Keswick-----	85	Very limited Restricted permeability Depth to saturated zone Slope	1.00 1.00 0.63	Very limited Depth to saturated zone Slope	1.00 1.00
430: Ackmore-----	90	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Depth to saturated zone Flooding Seepage	1.00 1.00 0.50

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
451D2: Caleb-----	90	Somewhat limited Slope Depth to saturated zone restricted permeability	0.63 0.43 0.35	Very limited Slope Seepage	1.00 0.50
452C2: Lineville-----	90	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 1.00
453: Tuskeego-----	95	Very limited Restricted permeability Depth to saturated zone Flooding	1.00 1.00 0.40	Very limited Depth to saturated zone Flooding	1.00 0.40
484: Lawson-----	85	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Depth to saturated zone Flooding Seepage	1.00 1.00 0.50
520: Coppock-----	95	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.35	Very limited Depth to saturated zone Flooding Seepage	1.00 1.00 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value
520B: Coppock-----	95	Very limited Depth to saturated zone Flooding restricted permeability	1.00 0.40 0.35	Very limited Depth to saturated zone Seepage Flooding Slope	1.00 0.50 0.40 0.32
531B: Kniffin-----	95	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 0.32
531C: Kniffin-----	95	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 1.00
531C2: Kniffin-----	90	Very limited Depth to saturated zone Restricted permeability	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 1.00
532B: Rathbun-----	90	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 0.32
532C: Rathbun-----	90	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value
532C2: Rathbun-----	90	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 1.00
587: Chequest-----	90	Very limited Flooding Depth to saturated zone Restricted permeability	1.00 1.00 0.91	Very limited Depth to saturated zone Flooding	1.00 1.00
592C2: Mystic-----	90	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Slope Seepage Depth to saturated zone	1.00 1.00 0.71
592D2: Mystic-----	90	Very limited Restricted permeability Depth to saturated zone Slope	1.00 1.00 0.63	Very limited Slope Seepage Depth to saturated zone	1.00 1.00 0.71
592D3: Mystic-----	90	Very limited Restricted permeability Depth to saturated zone Slope	1.00 1.00 0.63	Very limited Slope Seepage Depth to saturated zone	1.00 1.00 0.71

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
594C2: Galland-----	90	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Slope Seepage Depth to saturated zone	1.00 1.00 0.71
594D2: Galland-----	90	Very limited Restricted permeability Depth to saturated zone Slope	1.00 1.00 0.63	Very limited Slope Seepage Depth to saturated zone	1.00 1.00 0.71
715: Nodaway-----	50	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage	1.00 0.71 0.50
Amana-----	35	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Depth to saturated zone Flooding Seepage	1.00 1.00 0.50
730B: Nodaway-----	60	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage	1.00 0.71 0.50

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Cantril-----	30	Very limited Depth to saturated zone restricted permeability	1.00 0.35	Very limited Depth to saturated zone Seepage Slope	1.00 0.50 0.32
792C: Armstrong-----	85	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 1.00
792C2: Armstrong-----	85	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 1.00
792C3: Armstrong-----	85	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 1.00
792D: Armstrong-----	85	Very limited Restricted permeability Depth to saturated zone Slope	1.00 1.00 0.63	Very limited Depth to saturated zone Slope	1.00 1.00
792D2: Armstrong-----	85	Very limited Restricted permeability Depth to saturated zone Slope	1.00 1.00 0.63	Very limited Depth to saturated zone Slope	1.00 1.00

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
792D3: Armstrong-----	85	Very limited Restricted permeability Depth to saturated zone Slope	1.00 1.00 0.63	Very limited Depth to saturated zone Slope	1.00 1.00
795D2: Ashgrove-----	90	Very limited Restricted permeability Depth to saturated zone Slope	1.00 1.00 0.63	Very limited Depth to saturated zone Slope	1.00 1.00
822D2: Lamoni-----	90	Very limited Depth to saturated zone Restricted permeability Slope	1.00 0.99 0.63	Very limited Depth to saturated zone Slope	1.00 1.00
831B: Pershing-----	95	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 0.32
831C2: Pershing-----	90	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 1.00
832B: Weller-----	95	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 0.32

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		Rating class and limiting features	Value	Rating class and limiting features	Value
832C2: Weller-----	90	Very limited Restricted permeability Depth to saturated zone	1.00 1.00 1.00	Very limited Depth to saturated zone Slope	1.00 1.00 1.00
993D2: Gara-----	60	Very limited Restricted permeability Slope Depth to saturated zone	1.00 0.63 0.43	Very limited Slope	1.00
Armstrong-----	30	Very limited Restricted permeability Depth to saturated zone Slope	1.00 1.00 0.63	Very limited Depth to saturated zone Slope	1.00 1.00
993D3: Gara-----	60	Very limited Restricted permeability Slope Depth to saturated zone	1.00 0.63 0.43	Very limited Slope	1.00
Armstrong-----	30	Very limited Restricted permeability Depth to saturated zone Slope	1.00 1.00 0.63	Very limited Depth to saturated zone Slope	1.00 1.00
994E2: Douds-----	60	Very limited Slope Depth to saturated zone restricted permeability	1.00 0.40 0.35	Very limited Slope Seepage	1.00 1.00

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Davis County, Iowa

Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Galland-----	40	Very limited Restricted permeability	1.00	Very limited Slope	1.00
		Slope	1.00	Seepage	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	0.71
1130: Belinda-----	95	Very limited Restricted permeability	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Seepage	0.50
1139: Perks Variant-----	85	Very limited Flooding	1.00	Very limited Flooding	1.00
		Depth to saturated zone	1.00	Seepage	1.00
		restricted permeability	0.25	Depth to saturated zone	0.71
1260: Beckwith-----	95	Very limited Restricted permeability	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Seepage	0.50
1715: Nodaway-----	40	Very limited Flooding	1.00	Very limited Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	0.71
		restricted permeability	0.25	Seepage	0.50
Lawson-----	25	Very limited Flooding	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Flooding	1.00
		restricted permeability	0.25	Seepage	0.50

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Davis County, Iowa

Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Ackmore-----	20	Very limited Flooding	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone restricted permeability	1.00 0.25	Flooding Seepage	1.00 0.50
1977: Richwood Variant----	100	Not limited restricted permeability	0.25	Very limited Seepage	1.00
5010: Pits-----	100	Not rated		Not rated	
5020: Pits-----	100	Not rated		Not rated	
5021: Orthents-----	100	Not rated		Not rated	
5030: Pits-----	100	Not rated		Not rated	
5040: Orthents-----	100	Not rated		Not rated	

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Davis County, Iowa

Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
W: Water-----	100	Not rated		Not rated	